

## [English]

## Repair of Roads in Delhi

927. SHRI CHETAN P.S. CHAUHAN:  
SHRIMATI BHAVANA CHIKHLIA:

Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) the total amount spent on repairs of roads in Delhi damaged due to heavy rains during August - September, 1991;

(b) whether all the damaged roads have been repaired;

(c) if so, the details thereof; and

(d) if not the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM): (a) to (d). The information is being collected and will be laid on the Table of the Sabha.

## [Translation]

## Research and Development in Bhabha Atomic Research Centre

928. SHRI RAM SARAN YADAV: Will the PRIME MINISTER be pleased to state:

(a) the steps taken/proposed to be taken by Bhabha Atomic Research Centre for making available the results of its research and development efforts for the rapid development of the industries or for providing assistance to the general technical development of the country, besides its primary objective of the development of National Energy Programme;

(b) if so, the details thereof; and

(c) the result of the steps already taken by Bhabha Atomic Research Centre?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) Besides the main mandate of BARC to provide R & D base for the generation of Nuclear Power, BARC has been exploring other peaceful applications of nuclear energy and also disseminating a wide range of spin-off technologies throughout the country for the general technical development of the country.

(b) and (c). Our technology transfer in electronics and nuclear instrumentation has been through the public sector company Electronics Corporation of India Ltd. which has a turn over of more than Rupees Three Hundred Crores per year. The isotope technology along with its applications is disseminated through Board of Radiation and Isotope Technology (BRIT). Other spin-off technologies are transferred on commercial basis to private industries through the technology transfer group of BARC. Besides technologies are also developed for other Government Departments, Public Sector Undertakings and various states Governments.

## [English]

## Break-Through in Nuclear Fusion

929. SHRI ANNAJOSHI: Will the PRIME MINISTER be pleased to state:

(a) whether any break-through has been achieved in the area of "Nuclear Fusion" by the Indian Scientists;

(b) if so, the details thereof; and

(c) if not, the present stage of scientific Research in this field?

**THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA):** (a) and (b). No. Sir, No major technology breakthrough has been achieved by Indian Scientists so far.

(c) Presently the following laboratories in India are pursuing research in the area of fusion:

1. Bhabha Atomic Research Centre, Trombay, Bombay.
2. Centre for Advanced Technology, Indore.
3. Institute for Plasma Research, Gandhinagar.
4. Saha Institute of Nuclear Physics, Calcutta.

Theoretical and experimental studies are being conducted in these laboratories towards understanding the physics & technological issues connected with Nuclear Fusion Energy.

#### **Value of Land in Delhi**

**930. SHRI DIGVIJAYA SINGH:** Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) the value of vacant land available in Delhi with the Union Government and Delhi Administration at current market prices;

(b) whether the Government have prepared any project for optimum utilisation of land in Delhi and raise resources for construction of dwelling units for the poor; and

(c) if so, the details thereof?

**THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM):** (a) to (c). The

information is being collected and will be placed on the Table of the House.

[Translation]

#### **Growth Rate of Uttar Pradesh**

**931. SHIRSHIV SHARAN VERMA:** Will the Minister of PLANNING AND PROGRAMME IMPLEMENTATION be pleased to state:

- (a) whether the growth rate of Uttar Pradesh is less than that of the other States;
- (b) if so, the reasons therefor; and
- (c) the steps proposed to be taken to increase the growth rate of Uttar Pradesh?

**THE MINISTER OF STATE IN THE MINISTRY OF PLANNING AND PROGRAMME IMPLEMENTATION (SHRI H.R. BHARDWAJ):** (a) The annual growth in Net State Domestic Product of Uttar Pradesh in 1989-90 (as per the latest date based on Quick Estimates) was 3.25 per cent which was lower than that of Andhra Pradesh, Assam, Goa, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Orissa, Punjab, Tripura and West Bengal; and higher than that of Arunachal Pradesh, Bihar, Gujarat, Harayana, Madhya Pradesh, Manipur, Meghalaya, Rajasthan and Tamil Nadu.

(b) Growth rates differ among States for a variety of reasons, some among them being the historically uneven development of the infrastructure, industry and entrepreneurship, and the year to year variations in rainfall and the consequent drought and floods.

(c) The Government of Uttar Pradesh has been implementing development plans for increasing the growth rate. These plans include investments/outlays for the development of infrastructure, industry, agriculture, irrigation, rural development, education and